

## UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG \_\_\_\_\_ ELECTRIC LOGS \_\_\_\_\_ FILE X WATER SANDS \_\_\_\_\_ LOCATION INSPECTED GAS WELL SUB REPORT/abd \_\_\_\_\_

\* This application was rescinded by the U.S.G.S. on 5-12-82

DATE FILED 2-23-81

LAND: FEE &amp; PATENTED

STATE LEASE NO.

PUBLIC LEASE NO. U-21268

INDIAN

DRILLING APPROVED: 4-3-81

SPUDED IN:

COMPLETED:

PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION:

DATE ABANDONED: MAY 12, 1982 LOCATION ABANDONED WELL NEVER DRILLEDFIELD: Wildcat 3/8cUNIT: Alkali Cyn.COUNTY: San JuanWELL NO. Alkali Cyn. Unit #18-33API NO. 43-037-30655LOCATION 1650 FT. FROM X (S) LINE.2000FT. FROM (E) X LINE.NW SE1/4 - 1/4 SEC 18

TWP.

RGE.

SEC.

OPERATOR

TWP.

RGE.

SEC.

OPERATOR

39S24E18SUPERIOR OIL CO,

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☐GAS  
WELL ☐OTHER CO<sub>2</sub>SINGLE  
ZONE ☐MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

SUPERIOR OIL

## 3. ADDRESS OF OPERATOR

P.O. DRAWER 'G', CORTEZ, COLORADO 81321

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

2450' FEL, 1950' FSL, Section 18

At proposed prod. zone

Same as surface

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

14.4 miles N-NE of Aneth, Utah

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

1850'

## 16. NO. OF ACRES IN LEASE

2483

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

80

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

4000'

## 19. PROPOSED DEPTH

8100'

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5092.1' Ungraded Ground Level

## 22. APPROX. DATE WORK WILL START\*

May 30, 1981

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
18-1/2"	New 16"	65#	100	Redimix
14-3/4"	New 10-3/4"	40.5#	3500'	1150 sx <i>Circ. to surface</i>
9-7/8"	New 7"	26# & 29#	7600'	450 sx
6"	New 4-1/2"	12.75#	8100'	100 sx

1. Drill 18-1/2" hole to 100'. Set 16" casing to 100' and cement to surface with Redimix.
2. Drill 14-3/4" hole to 3500'. Set 10-3/4" surface casing to 3500' and cement to surface with 1150 sx. NU BOP.
3. Drill 9-7/8" hole to 6260' with fresh water mud. Log well. Convert to salt base mud.
4. Continue drilling 9-7/8" hole to top of Leadville formation. Set 7600' of 7" csg w/450 sx cmt
5. Drill 6" hole to 8100' with fresh water mud. Log well. Set 4-1/2" liner from 7300-8100' with 100 sx cement.
6. Perforate Leadville formation and stimulate as necessary.

APPROVED BY THE DIVISION  
OF OIL, GAS, AND MINING

DATE: 3-30-81

BY: *M. J. Winder*

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

*David B. Bradford*  
David B. Bradford

TITLE

Production Engineer II

DATE

March 5, 1981

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

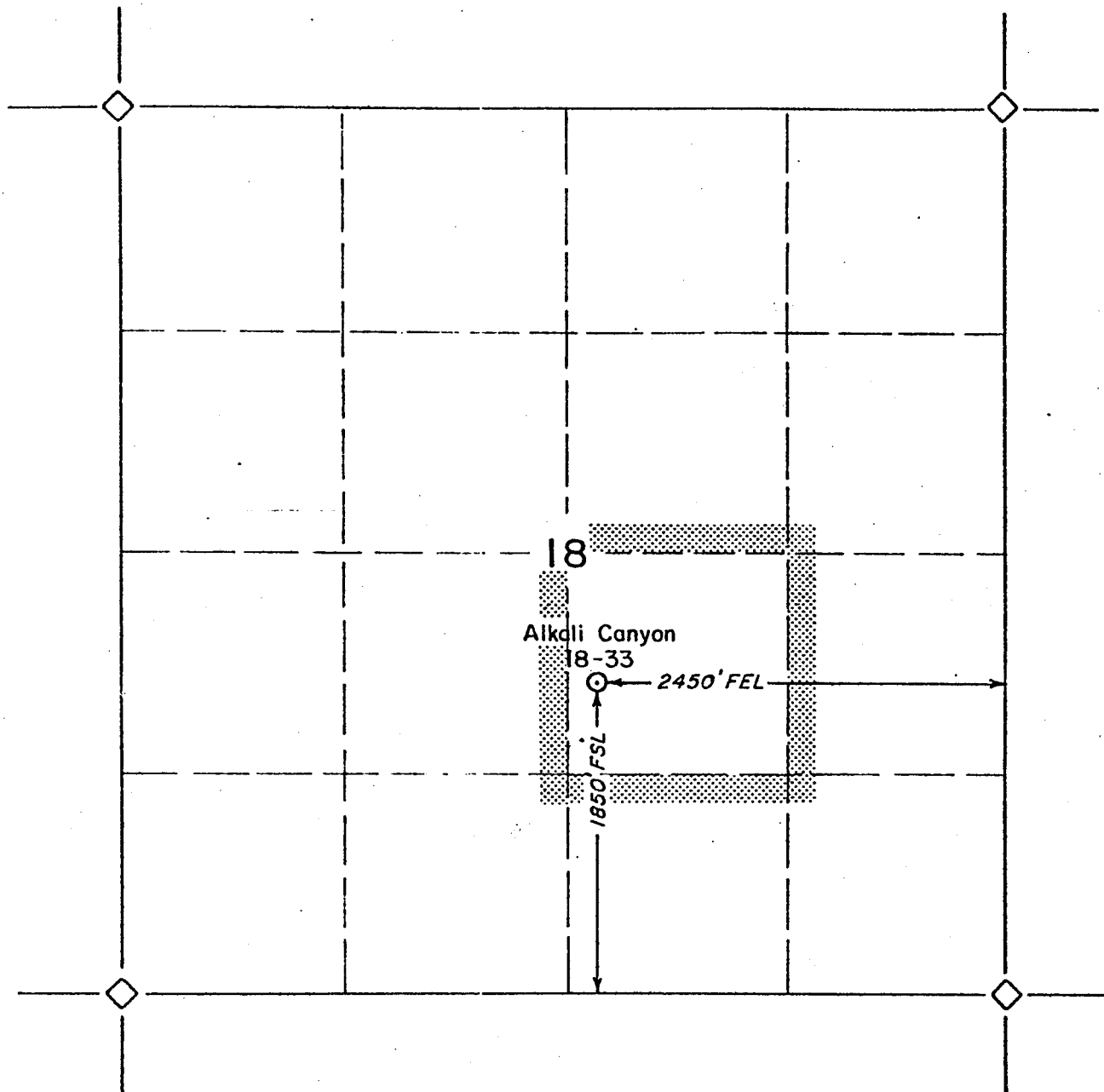
DATE

CONDITIONS OF APPROVAL, IF ANY:

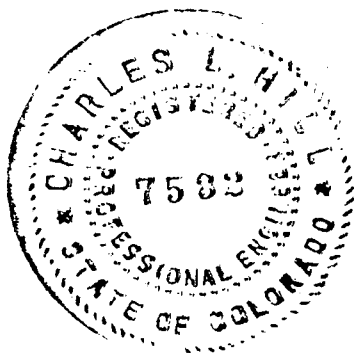
# THE SUPERIOR OIL CO.

OPERATOR

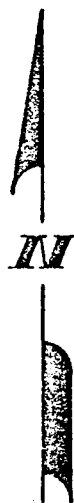
Well No. Alkali Canyon 18-33



NW/SE SECTION 18, T.39 S. - R.24 E.



*Charles L. Hill*



Scale. 1" = 1000'



- ⊙ Location
- Well
- ⚙ Injector

# **SUPERIOR OIL**

March 5, 1981

Mr. Carl Barrick  
U. S. Geological Survey  
Oil and Gas Branch  
P. O. Box 3524  
Durango, Colorado 81301

Re: Surface Use Development Plan  
Proposed Location  
Alkali Canyon Unit #18-33  
2450' FEL, 1850' FSL  
Section 18, T39S, R24E  
San Juan County, Utah

Dear Mr. Barrick:

The "Surface Use Development Plan" for the proposed Superior Alkali Canyon Unit #18-33 is as follows:

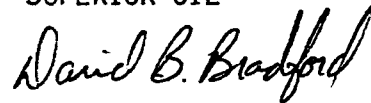
1. The existing road and the location of the off road exits are shown on the attached road and pipeline plat.
2. The 350' of new access road that will be necessary is shown on the attached plat. No major cuts or fills will be required. The existing road will require improvements to provide a 20' wide travel surface.
3. The location and status of wells in the vicinity are shown on the attached road and pipeline plat.
4. The location of any production facilities, flow lines and lateral roads in the vicinity of the proposed well are shown on the attached plat. The 2" flow line, from the proposed well will run 500' southeast to a new tank battery, the area of the tank battery being approximately 100' X 300' where the oil, gas and water will be separated. If the new production facilities are required, a detailed building plan will be submitted for approval.
5. Water for drilling operations will be supplied by Superior's fresh water wells near Aneth, Utah.
6. Materials necessary for the construction and drilling pad will be obtained from the location. No access roads for the purpose of hauling materials will be necessary.

## **SUPERIOR OIL**

7. Waste materials will be collected in earth pits 6-8' deep with steep sides. The perimeter of these pits will be completely enclosed with small mesh wire. When drilling operations are complete these earth pits will be backfilled and leveled to the contour of the original landscape. Small portable trailer houses for the company and contract drilling personnel may be on the location. A sufficient number of OSHA approved chemical toilets will be provided and maintained.
8. The location and position of drilling equipment is shown on the attached plat. The mud pits will be fenced on three sides during drilling and on four sides after completion of drilling operations. Included on this plat is a cross section diagram showing cuts and fills necessary for the construction of the drilling pad. The drilling pad will be located approximately at ground level. Materials at the location will be used for elevation of the pad.
9. Surface land is owned by the Bureau of Land Management and is used primarily for grazing. Vegetation consists of sparse grass, sagebrush and scattered Junipers. There are no Indian habitations or artifacts in the immediate vicinity of the proposed drillsite, access road, flow line, construction and material site or road used in transportation of material.

Very truly yours,

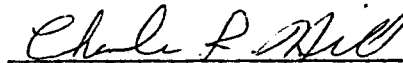
SUPERIOR OIL



David B. Bradford  
Production Engineer II

I hereby certify that I, or persons under my direct supervision, have inspected the proposed area; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by SUPERIOR OIL and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

3/5/81  
Date

  
\_\_\_\_\_  
Charles L. Hill  
Area Production Superintendent

DBB/1h

SUPPLEMENT TO FORM 9-331C

WELL: Alkali Canyon Unit #18-33

ELEVATION: 5092.1' Ungraded Ground Level

SURFACE FORMATION WHERE DRILLING IS TO TAKE PLACE: Dakota

ESTIMATED FORMATION TOPS: (Measured from ground level at 5092.1')

Cutler	2990'
DeChelly	3100'
Ismay	5920'
Lower Ismay	6070'
Desert Creek	6130'
Akah Salt	6260'
Lower Hermosa	7560'
Molas	7650'
Leadville	7750'
T.D.	8100'

WATER BEARING FORMATION: Water is expected to be encountered intermittently from 300' to 3210'.

HYDROCARBON BEARING FORMATION: Oil and gas are expected to be encountered intermittently from 6000' - 6200'.

SALT BEARING FORMATION: Salt is expected to be encountered from 6260' - 7560'.

CARBON DIOXIDE BEARING FORMATION: Carbon Dioxide is expected to be encountered from 7750' - 8100'.

MUD PROGRAM:

- Surface to 350' - fresh water with gel and lime.
- 350' - 3500' - fresh water.
- 3500' - 6260' - Lignosulfonate or similar mud system. Water loss controlled to 15 cc or less and weighted with Barite as necessary.
- 6260' - 7600' - Saturated salt mud. Water loss controlled to 20 cc or less.
- 7600' - 8100' - fresh water.

CASING PROGRAM:

- Conductor: 16" H-40 65#/ft ST&C new casing set to 100'.
- Surface: 10-3/4" K-55 40.5#/ft ST&C new casing set to 3500'.
- Production: 7" 26#/ft N-80 and 29#/ft S-95 LT&C new casing set to 7600'.
- Liner: 4-1/2" 12.75#/ft N-80 Hydril new casing set from 7300' - 8100'.

(2)

CEMENT PROGRAM:

Conductor: Cement to surface with Redimix.

Surface: Cement to surface with 900 sx Lite w/10#/sk  
Gilsonite followed by 250 sx Class 'B' w/2%  
KCL and 0.25#/sk Celloflake.

Production: Cement w/450 sx Class 'B' + 18% salt.

Liner: Cement w/100 sx Class 'B' + 18% salt + 1/4#/sk  
Celloflake + 0.75% friction reducer.

LOGGING PROGRAM:

1st Set of Logs

DIL, CNL-FDC, Sonic - 6260' to surface casing.

Velocity Survey - 6260' - 3500'.

2nd Set of Logs

DIL, CNL-FDC, Sonic - 8100' - 7600'.

Velocity Survey - 8100' - 7600'.

DRILL STEM TESTS:

None

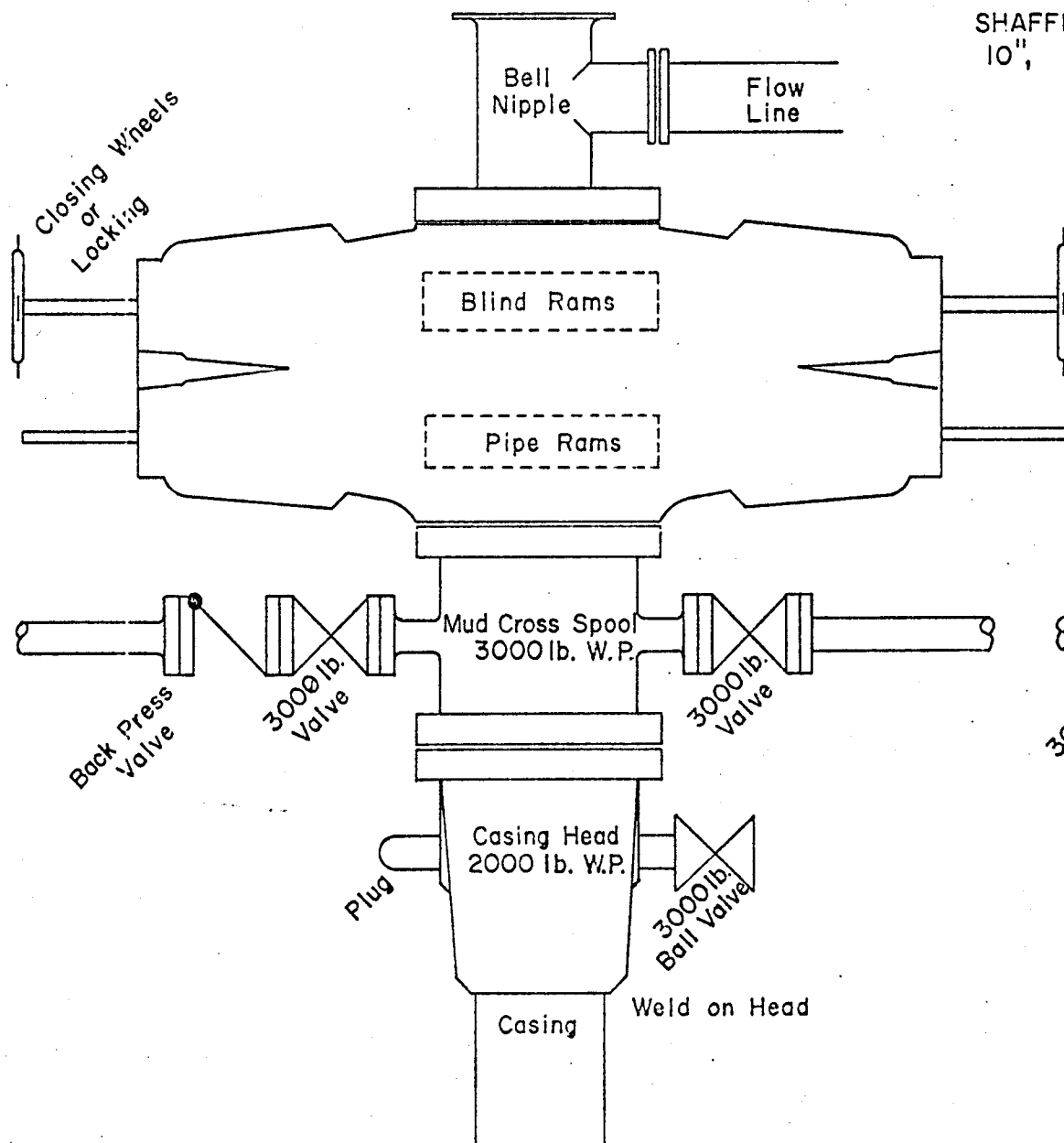
CORING:

None

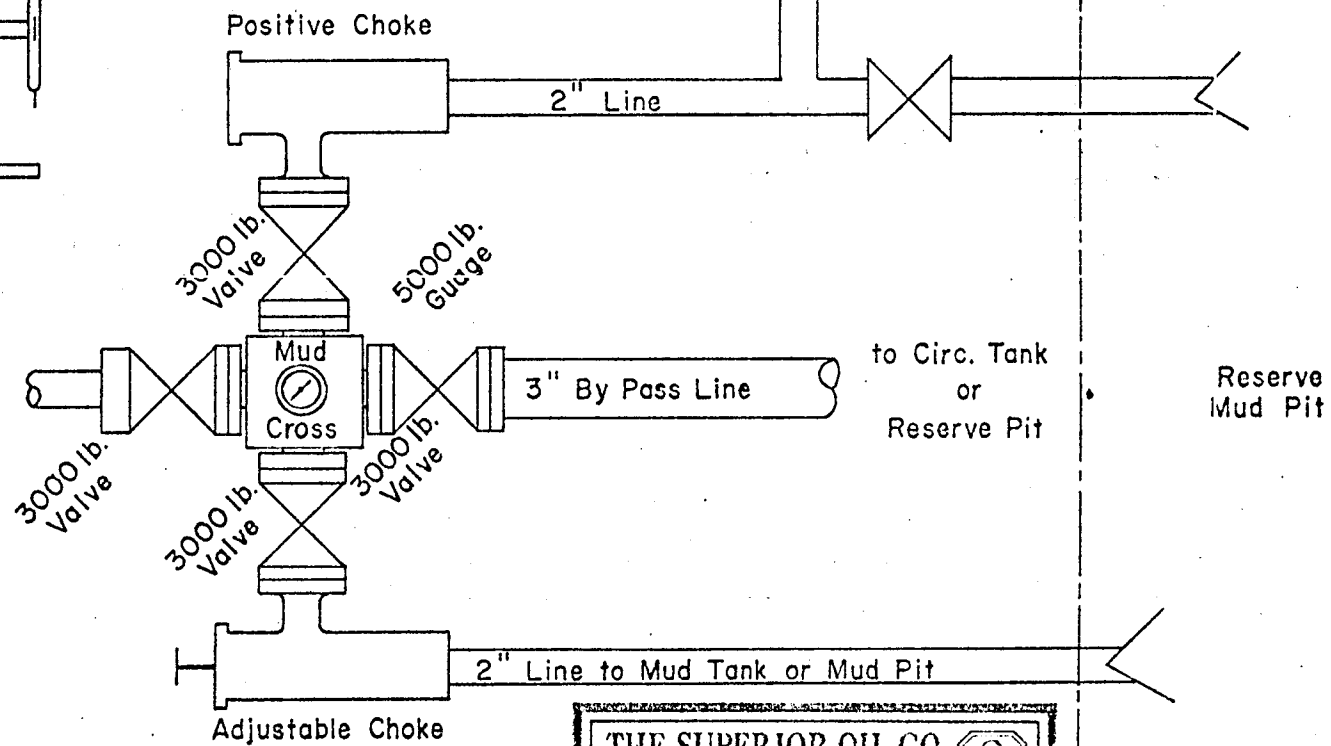
PRESSURE CONTROLS:

Blowout preventer equipment will be 10" Series 600 with  
blind rams and drill pipe rams hydraulically and manually  
controlled. The blind rams will be tested on each trip  
and the pipe rams will be tested daily. The schematic of  
the pressure control equipment can be seen on the attached  
diagram. The mud system will be monitored by visual  
inspection.

ANTICIPATED STARTING DATE: May 30, 1981



SHAFFER DOUBLE GATE BLOW OUT PREVENTER  
10", 3000 lb. W.P., 6000 lb. Test, Type E



Circulating Tank

to Circ. Tank  
or  
Reserve Pit

Reserve  
Mud Pit

THE SUPERIOR OIL CO.

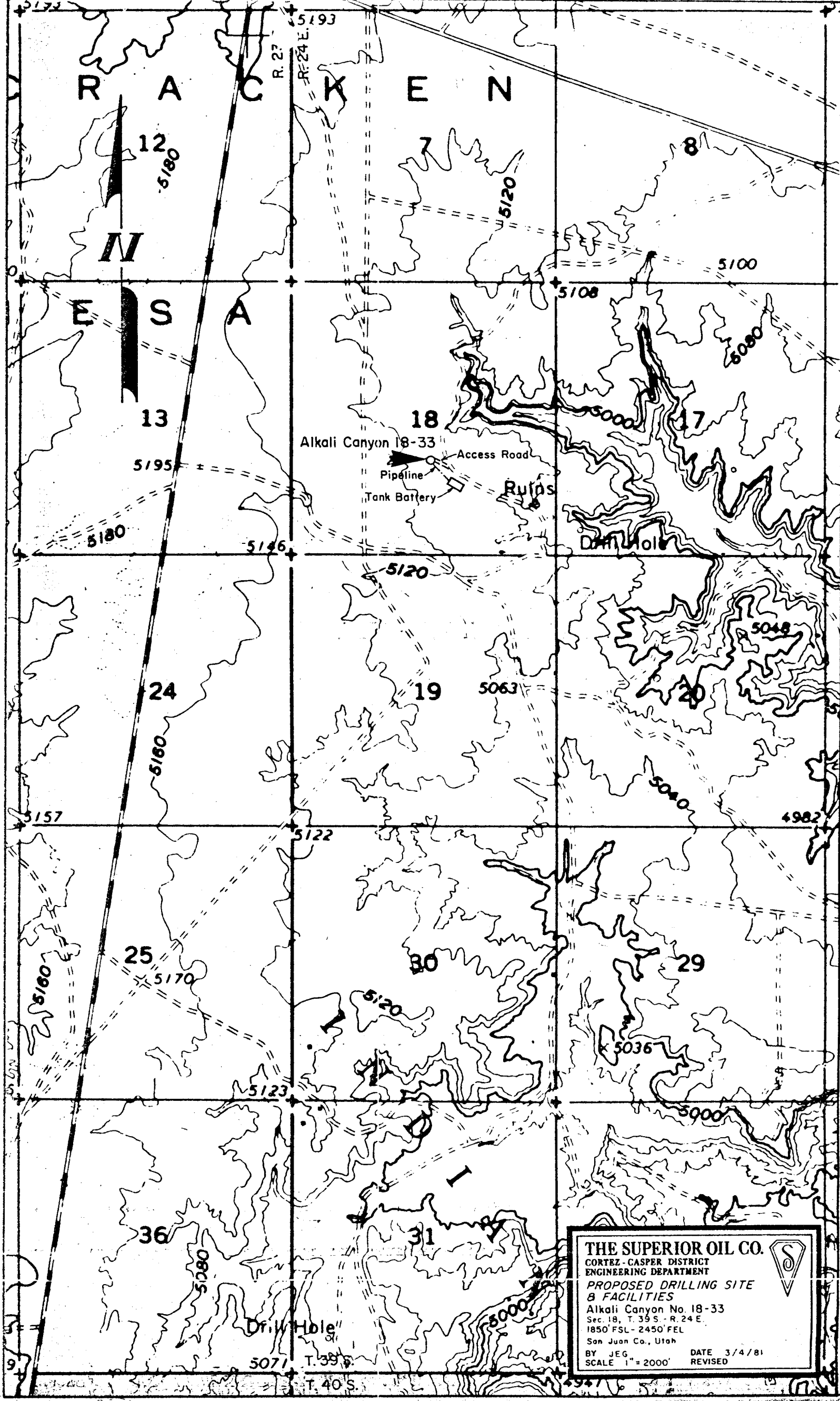
CORTEZ-CASPER DISTRICT  
ENGINEERING DEPARTMENT

SCHEMATIC DIAGRAM  
OF PRESSURE CONTROL  
EQUIPMENT

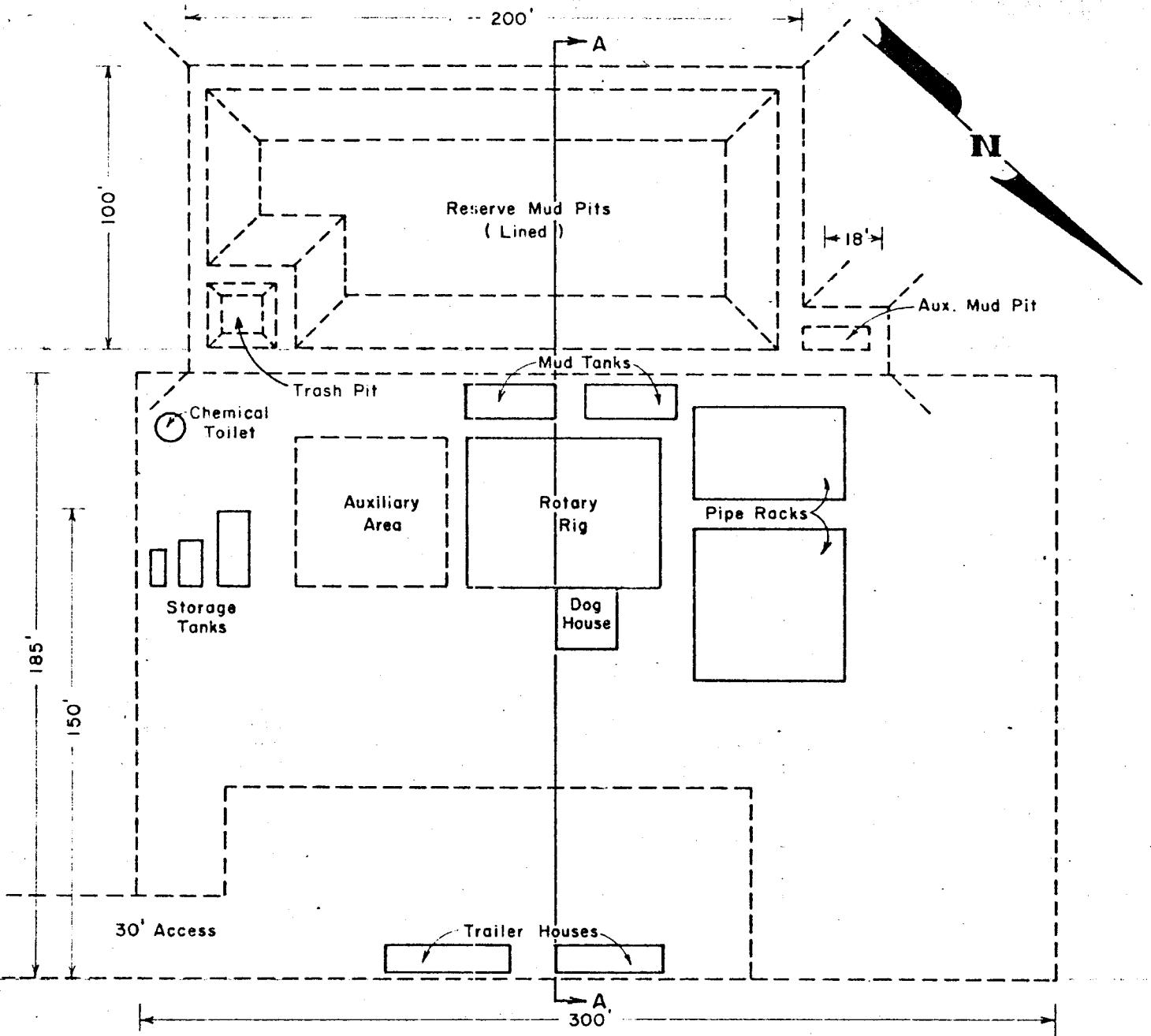
BY JEG  
SCALE NONE

DATE 6/25/79  
REVISED



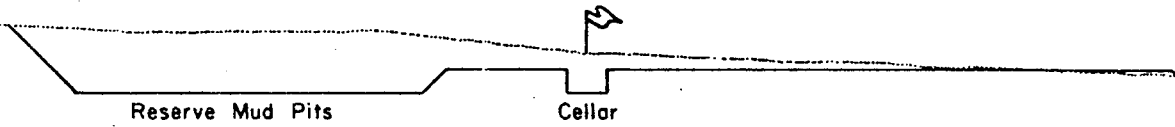



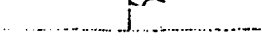

**THE SUPERIOR OIL CO.**  
CORTEZ - CASPER DISTRICT  
ENGINEERING DEPARTMENT  
**PROPOSED DRILLING SITE  
& FACILITIES**  
Alkali Canyon No. 18-33  
Sec. 18, T. 39 S. - R. 24 E.  
1850' FSL - 2450' FEL  
San Juan Co., Utah  
BY JEG. DATE 3/4/81  
SCALE 1" = 2000' REVISED




*The Drilling Pad will be graded and compacted, and composed of native materials.*

PROPOSED WELL SITE  
 Alkali Canyon No. 18-33  
 Original Elev. 5092.10



Original Contour   
 Reference Point   
 Graded Proposal 

**THE SUPERIOR OIL CO.** 

CORTEZ CASPER DISTRICT  
 ENGINEERING DEPARTMENT

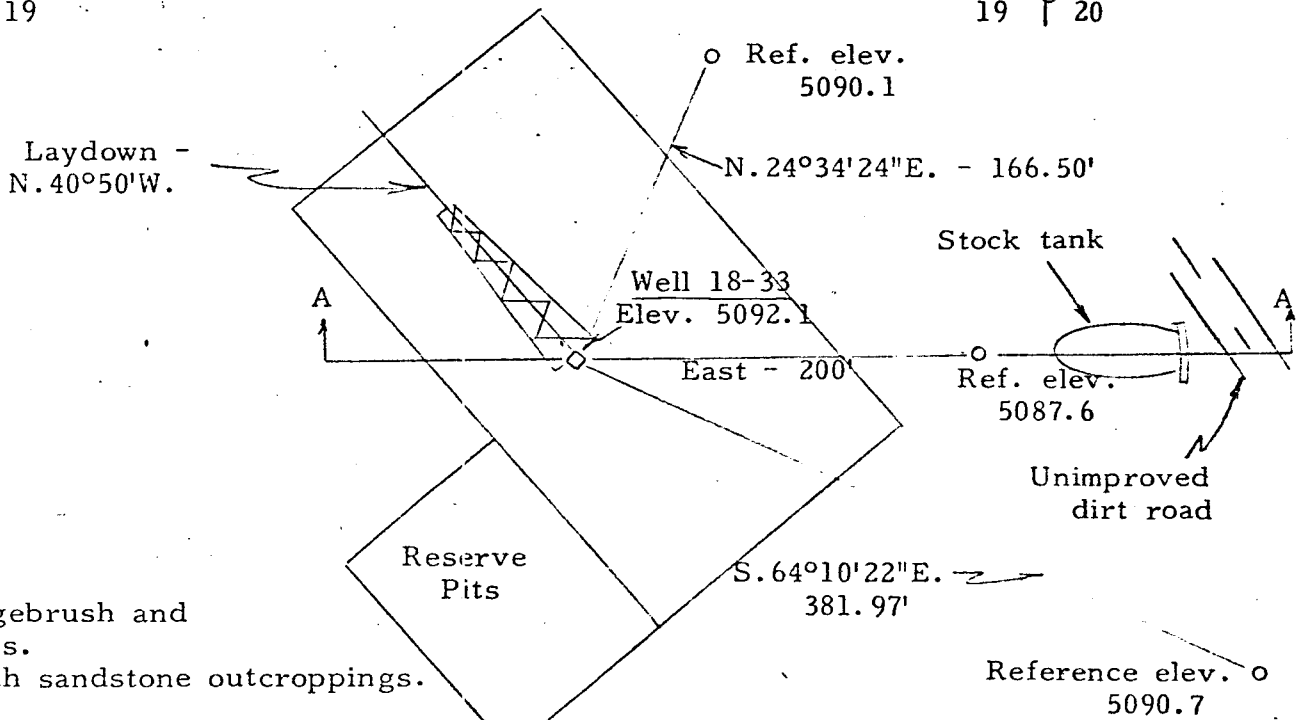
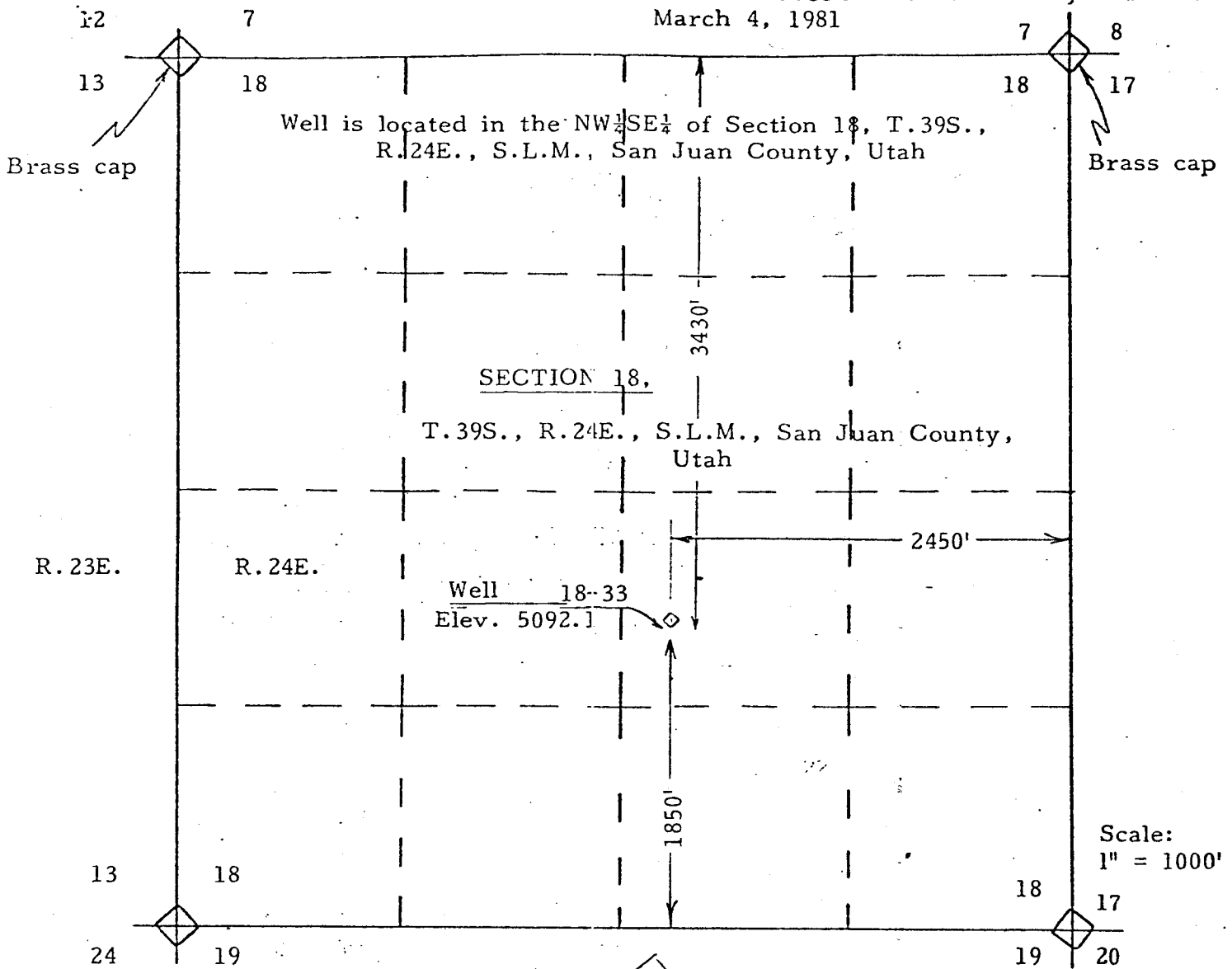
**RIG LAYOUT & DRILL  
 PAD CROSS SECTION**

Alkali Canyon No. 18-33  
 Sec. 18, T. 39 S. - R. 24 E.  
 San Juan Co., Utah

BY JEG DATE 3/4/81  
 SCALE 1" = 50' REVISED

Revised 3-5-81

Superior Oil Company  
Montezuma Creek 't-Alkali Canyon #18-33  
March 4, 1981



Vegetation: Sagebrush and native grass.  
Soil: Sandy with sandstone outcroppings.

100  
90  
80  
70

Well 18-33  
Elev. 5092.1

Reference

SECTION A-A

Horizontal scale: 1" = 100'  
Vertical scale: 1" = 50'

N

I NOW ALL MEN BY THESE PRESENTS:  
THAT I, FREDRIC P. THOMAS  
do hereby certify that I prepared this plot from an  
actual and accurate survey of the land and that the  
same is true and correct to the best of my knowledge  
and belief

FREDRIC P. THOMAS  
Reg. L.S. and P.E.  
Colo. Reg. No. 6728

Bearing by  
Solar  
observation

Utah Reg. No. 4346

THOMAS Engineering Inc.

215 N. Linden  
Cortez, Colorado  
565-4496

Corners are  
15" x 1/2"  
rebar

**SUPERIOR OIL**

March 5, 1981

RECEIVED  
MAR 09 1981  
DIVISION OF  
OIL, GAS & MINING

Mr. Mike Minder  
Geological Engineer  
Division of Oil, Gas & Mining  
1588 West North Temple  
Salt Lake City, Utah 84116

Re: Surface Use Development Plan  
Proposed Location  
Alkali Canyon Unit #18-33  
2450' FEL, 1850' FSL  
Section 18, T39S, R24E  
San Juan County, Utah

Dear Mr. Minder:

Superior Oil Company controls all oil and gas mineral rights within a 660' radius of the referenced well. Superior Oil is designated as operator of Section 18, T39S, R24E from Jack Grynberg and Associates.

Very truly yours,

SUPERIOR OIL

*Charles L. Hill*

Charles L. Hill  
Area Production Superintendent

DBB/lh

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well gas ☒ well other CO<sub>2</sub>

2. NAME OF OPERATOR  
SUPERIOR OIL

3. ADDRESS OF OPERATOR  
P.O. DRAWER 'G', CORTEZ, COLORADO 81321

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 2000' FEL, 1650' FSL, Sec. 18  
AT TOP PROD. INTERVAL: Same  
AT TOTAL DEPTH: Same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐ ☐

FRACTURE TREAT ☐ ☐

SHOOT OR ACIDIZE ☐ ☐

REPAIR WELL ☐ ☐

PULL OR ALTER CASING ☐ ☐

MULTIPLE COMPLETE ☐ ☐

CHANGE ZONES ☐ ☐

ABANDON\* ☐ ☐

(other) Change of Location

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

The location was moved 492' southeast to avoid archaeological remains at the previous location.

APPROVED BY THE DIVISION  
OF OIL, GAS, AND MINING

DATE 3-30-81

BY: M. J. Mander

RECEIVED  
MAR 25 1981

DIVISION OF  
OIL, GAS, AND MINING

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED H. W. Haven TITLE Prod. Geologist DATE March 17, 1981

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

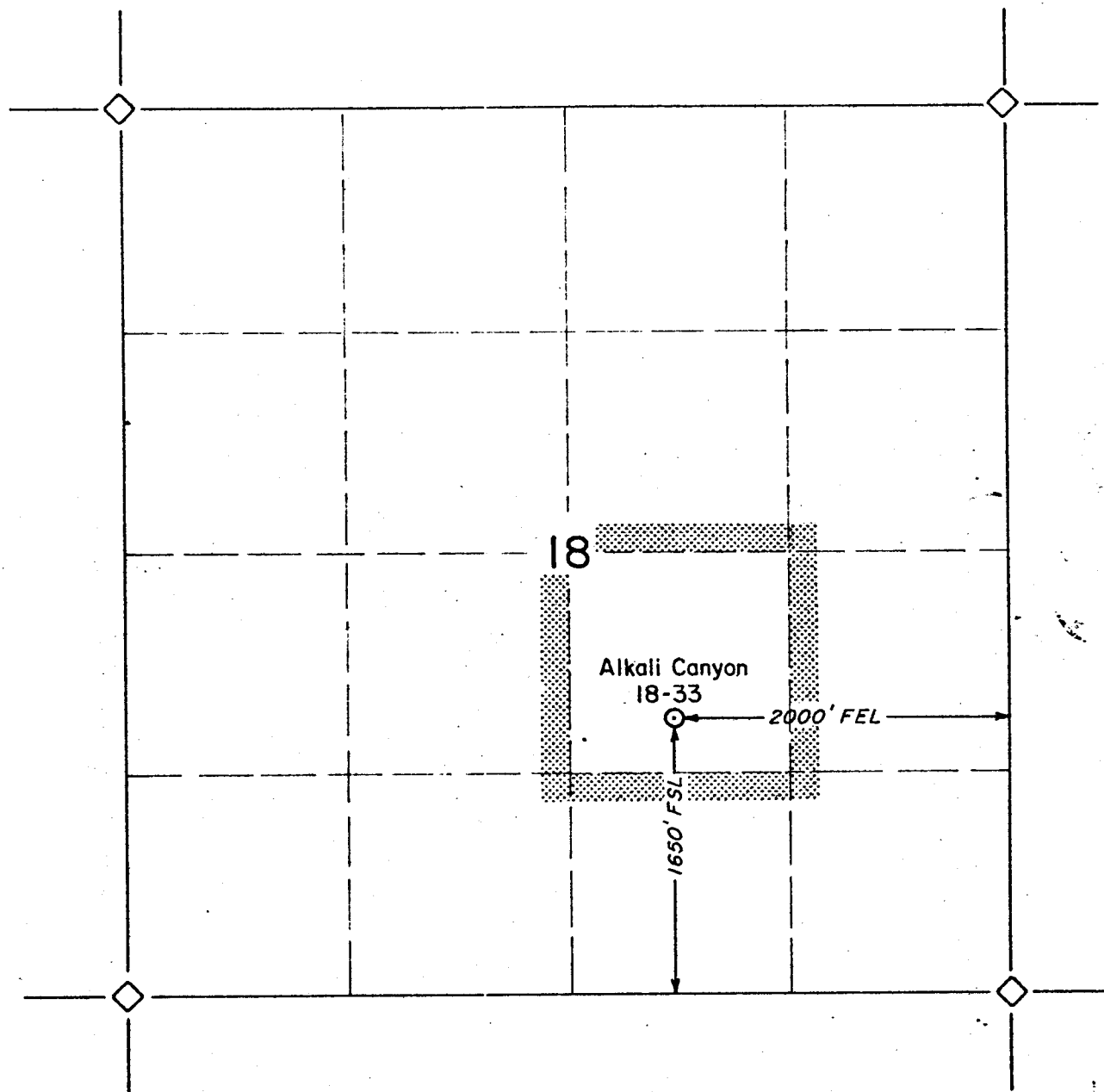
CONDITIONS OF APPROVAL, IF ANY:

USGS, Durango - 6, BLM - 2, State - 2, ERM, CDJ, Drilling Depart. Reg. Group, Central Files - H,W,C

# THE SUPERIOR OIL CO.

OPERATOR

Well No. Alkali Canyon 18-33



NW/SE SECTION 18, T. 39 S. - R. 24 E.

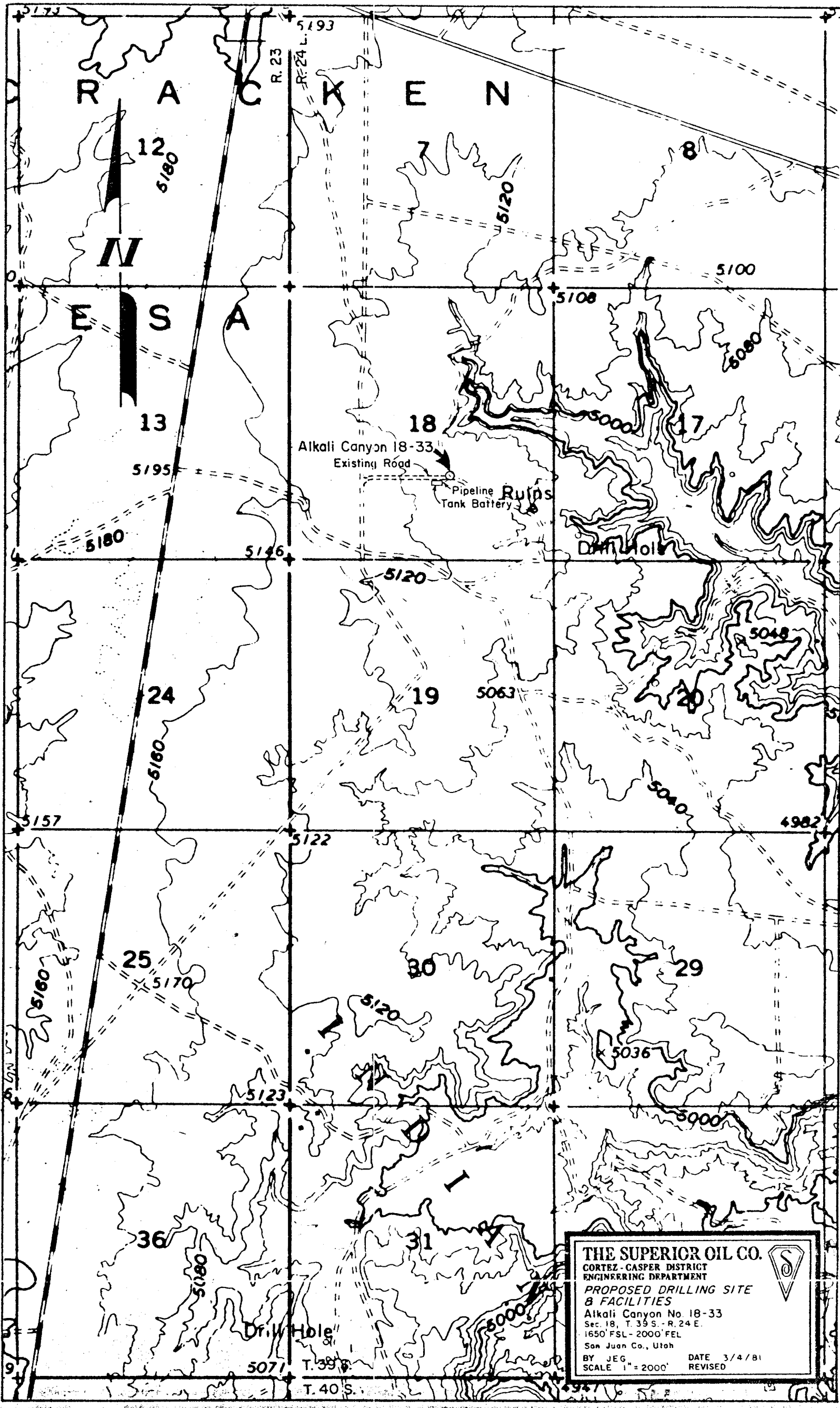


*Charles L. Hill*

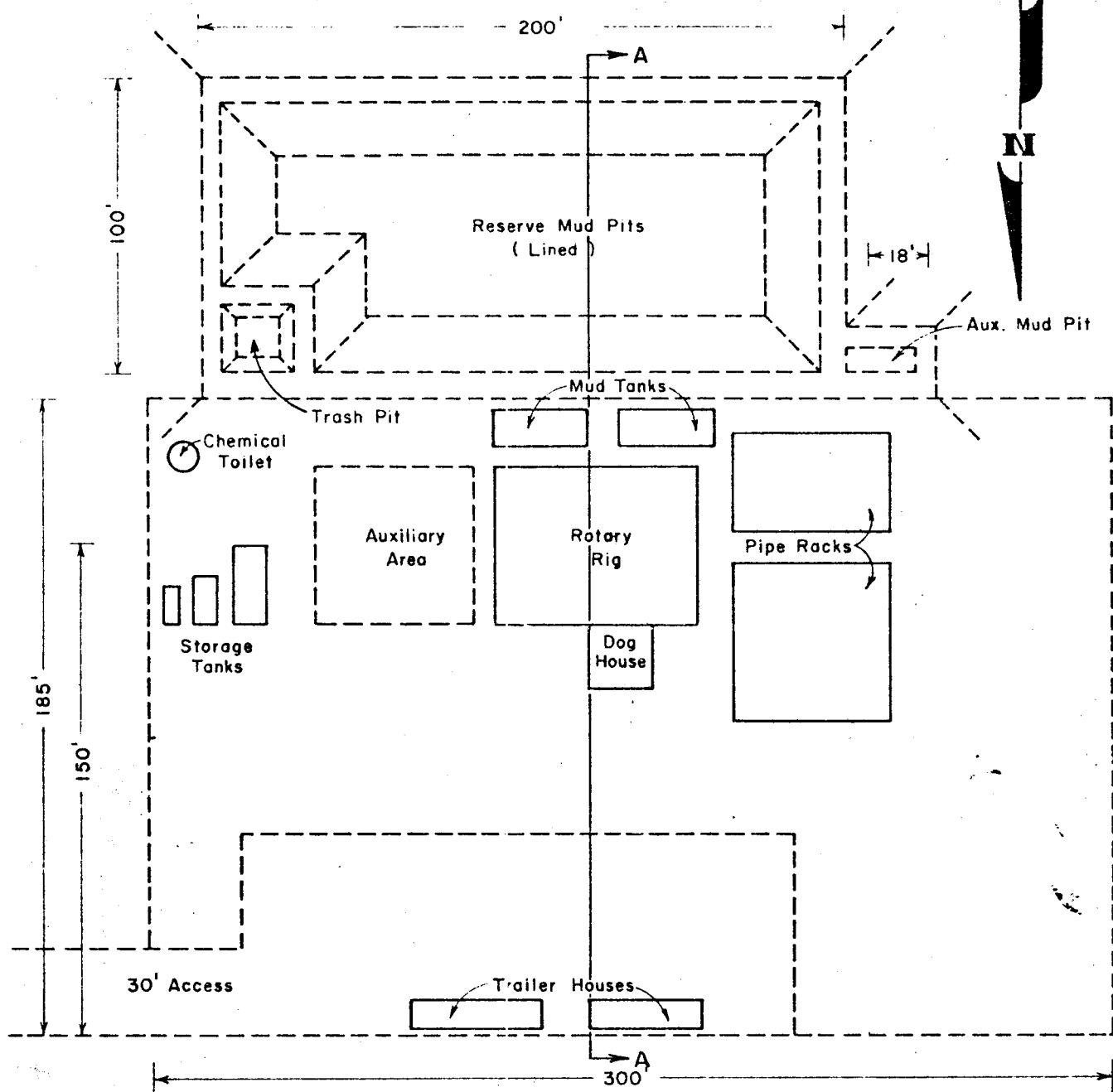
Scale: 1" = 1000'



- ⊙ Location
- Well
- ♀ Injector

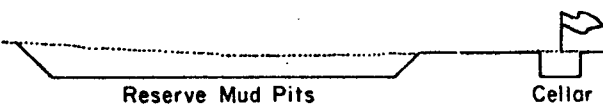


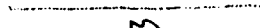
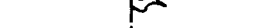
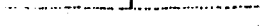
**THE SUPERIOR OIL CO.**  
CORTEZ - CASPER DISTRICT  
ENGINEERING DEPARTMENT  
**PROPOSED DRILLING SITE  
& FACILITIES**  
Alkali Canyon No. 18-33  
Sec. 18, T. 39 S. - R. 24 E.  
1650' FSL - 2000' FEL  
San Juan Co., Utah  
BY JEG DATE 3/4/81  
SCALE 1" = 2000' REVISED




The Drilling Pad will be graded and compacted, and composed of native materials.

PROPOSED WELL SITE  
Alkali Canyon No. 18-33  
Original Elev. 5090.5

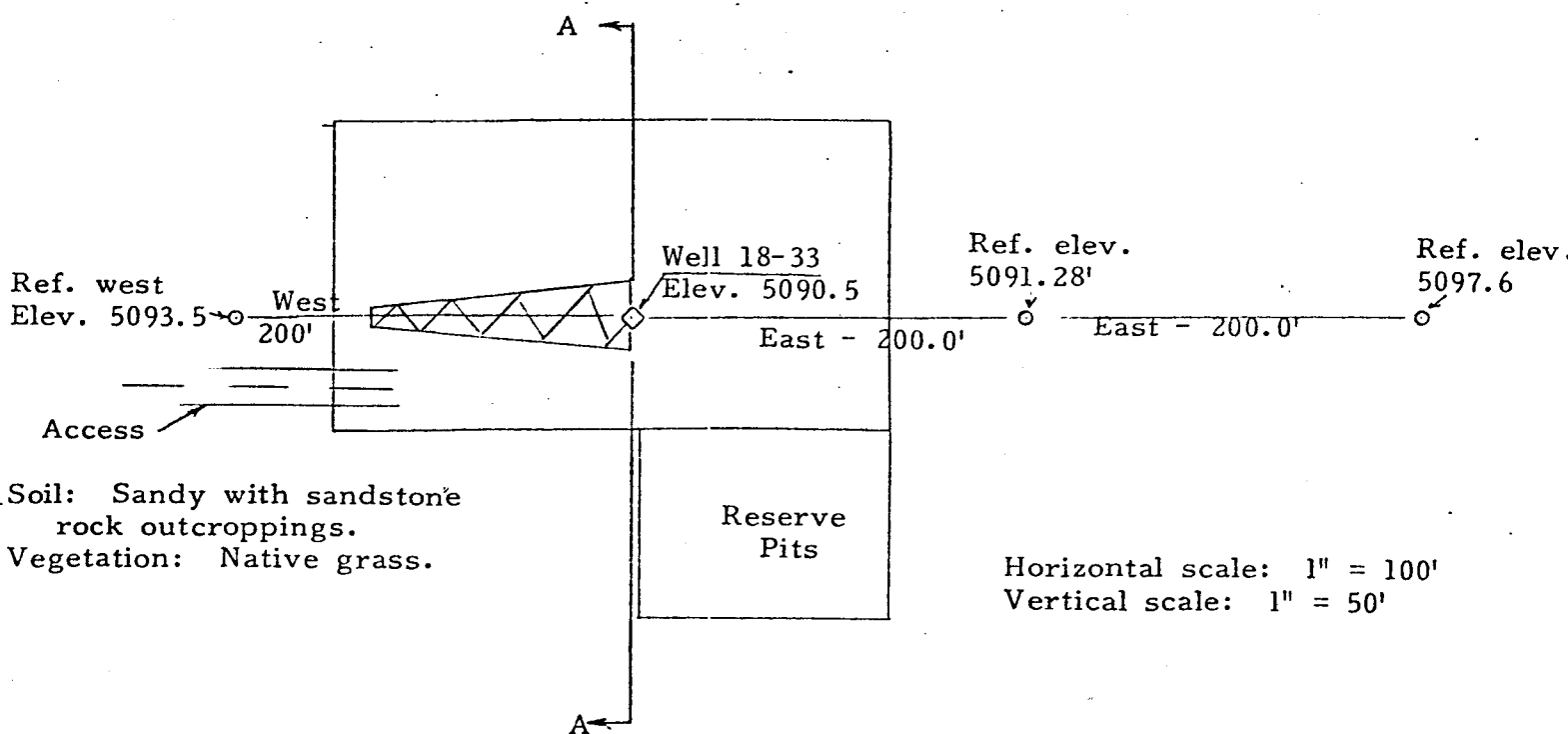
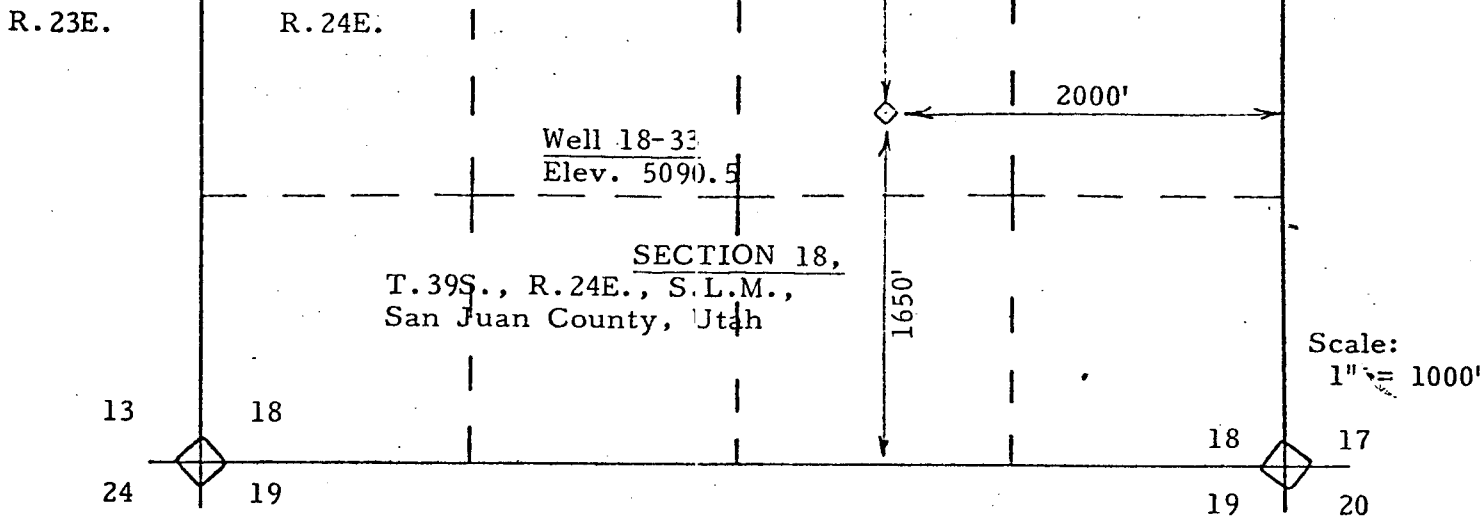


Original Contour   
Reference Point   
Graded Proposal 

<b>THE SUPERIOR OIL CO.</b>		
CORTEZ CASPER DISTRICT ENGINEERING DEPARTMENT		
<b>RIG LAYOUT &amp; DRILL PAD CROSS SECTION</b>		
ALKALI CANYON No. 18-33		
Sec. 18, T. 39 S. - R. 24 E.		
San Juan Co., Utah		
BY JEG	DATE 3/17/81	
SCALE 1" = 50'	REVISED	



March 16, 1981



5100 \_\_\_\_\_  
5090 \_\_\_\_\_  
5080 \_\_\_\_\_

## SECTION A-A

KNOW ALL MEN BY THESE PRESENTS:  
THAT I, FREDRIC P. THOMAS  
do hereby certify that I prepared this plat from an  
actual and accurate survey of the land and that the  
same is true and correct to the best of my knowledge  
and belief.

*Fredric P Thomas*  
FREDRIC P THOMAS      Bearing by  
Reg. L.S. and P.E.      Seller  
Colo. Reg. No. 6728      observation  
Utah Reg. No. 4346

**THOMAS** Engineering Inc.

215 N. Linden  
Cortez, Colorado  
565-4496



**\*\* FILE NOTATIONS \*\***

DATE: March 24, 1981

OPERATOR: Superior Oil

WELL NO: Alkali Canyon Unit 18-33

Location: Sec. 18 T. 39S R. 24E County: Sanguan

File Prepared: ☒

Entered on N.I.D: ☒

Card Indexed: ☒

Completion Sheet: ☒

API Number 43-037-30655

**CHECKED BY:**

Petroleum Engineer: M.J. Munder 3-30-81

Director: \_\_\_\_\_

Administrative Aide: Need to find unit agreement - as per map, ok on boundary. Don't show formation Leadville

**APPROVAL LETTER:**

Bond Required: ☐

Survey Plat Required: ☐

Order No. \_\_\_\_\_

O.K. Rule C-3 ☐

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site ☐

Lease Designation Fed

Plotted on Map ☐

Approval Letter Written ☒

Hot Line ☒

P.I. ☒

April 3, 1981

Superior Oil Company  
P. O. Drawer 'G'  
Cortez, Colorado 81321

Re: Well No. Alkali Canyon Unit #18-33  
Sec. 18, T. 39S, R. 24E, NW SE,  
San Juan County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer  
Office: 533-5771  
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-037-30655.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

  
Michael T. Minder  
Petroleum Engineer

MTM/ko  
cc: USGS

✓  
SCOTT M. MATHESON  
Governor



OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON  
Executive Director,  
NATURAL RESOURCES

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING  
1588 West North Temple  
Salt Lake City, Utah 84116  
(801) 533-5771

CHARLES R. HENDERSON  
Chairman

JOHN L. BELL  
C. RAY JUVELIN  
THADIS W. BOX  
MAXILIAN A. FARBMAN  
EDWARD T. BECK  
E. STEELE McINTYRE

CLEON B. FEIGHT  
Director

October 14, 1981

Superior Oil Company  
P. O. Drawer 'G'  
Cortez, CO 81321

Re: See Attached Sheet

Gentlemen:

In reference to the above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill this location at a later date, please notify this office.

Your prompt attention to the above will be greatly appreciated.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

A handwritten signature in cursive script that reads "Terri Reid".  
TERRI REID  
CLERK TYPIST

Well No. Alkali Canyon Unit 18-33  
Sec. 18, T. 39S, R. 24E  
San Juan County, Utah

Well No. MCU #R-12  
Sec. 33, T. 40S, R. 25E  
San Juan County, Utah

Well No. MCU #N-22  
Sec. 17, T. 41S, R. 25E  
San Juan County, Utah

Well No. McElmo Creek Unit #P-22  
Sec. 17, T. 41S, R. 25E  
San Juan County, Utah

Well No. Navajo Tribal #34-22  
Sec. 34, T. 41S, R. 25E  
San Juan County, Utah

Well No. Navajo Tribal #34-33  
Sec. 34, T. 41S, R. 25E  
San Juan Coonty, Utah

Well No. Yellow Rock Point #26-44  
Sec. 26, T. 42S, R. 25E  
San Juan County, Utah

**SUPERIOR OIL**

November 16, 1981

**RECEIVED**  
NOV 25 1981

**DIVISION OF  
OIL, GAS & MINING**

State of Utah  
Division of Oil, Gas & Mining  
1588 West North Temple  
Salt Lake City, Utah 84116

Dear Sir:

In reference to your letter dated October 14, 1981, our drilling plans for the following wells are as follows:

<u>Well</u>	<u>Intentions</u>
Alkali Canyon #18-33	May drill - still being evaluated.
MCU #R-12	Will Drill.
MCU #N-22	Drilled & completed.
MCU #P-22	Drilled & completed.
Navajo Tribal #34-22	May drill - still being evaluated.
Navajo Tribal #34-33	Drilled - completing at present.
Yellow Rock Point #26-44	May drill - still being evaluated.

The necessary forms for the wells we are drilling or have completed have already been sent in or are on their way. You will be notified when we spud MCU #R-12.

Sincerely,

SUPERIOR OIL

*T. Greg Merriion*

T. Greg Merriion  
Petroleum Engineer

TGM/1h

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☒ gas well ☐ other ☐

2. NAME OF OPERATOR  
SUPERIOR OIL COMPANY

3. ADDRESS OF OPERATOR  
P. O. DRAWER "G", CORTEZ, COLORADO 81321

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 520' FNL, 1520' FEL of Section 18  
AT TOP PROD. INTERVAL: Same  
AT TOTAL DEPTH: Same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐  
FRACTURE TREAT ☐  
SHOOT OR ACIDIZE ☐  
REPAIR WELL ☐  
PULL OR ALTER CASING ☐  
MULTIPLE COMPLETE ☐  
CHANGE ZONES ☐  
Temp ABANDON\* ☒

SUBSEQUENT REPORT OF:

☐  
☐  
☐  
☐  
☐  
☐  
☐  
☐

Temp

(other)

5. LEASE  
N00-C-14-20-5302

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
NAVAJO

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Kin diilidii

9. WELL NO.  
#18-31

10. FIELD OR WILDCAT NAME  
WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
SEC. 18, T42S, R26E

12. COUNTY OR PARISH  
SAN JUAN

13. STATE  
UTAH

14. API NO.  
43-037-30743

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
GL: 4585' KB: 4599'

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

The subject well is presently uneconomical to produce. Pending further evaluation, approval to temporarily abandon the well is requested.

Anticipated starting date: April 14, 1982

1. MIRU.
2. POH w/ rods, downhole pump, 2-7/8" tubing & tubing anchor.
3. Set CIBP at 5400'.
4. Circulate hole full of corrosion inhibited fresh water.
5. Shut well in. RDMO rig. Clean & restore site.

Orig + 5 - USGS, State, Navajo Tribe, Reg Group, Denver Expl., Files, H, D, C

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED T. Greg Merriam TITLE Petroleum Engineer DATE April 8, 1982

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_ DATE \_\_\_\_\_

\*See Instructions on Reverse Side

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 4/11/82  
BY: [Signature]

Oil and Gas Operations  
2000 Administration Building  
1745 West 1700 South  
Salt Lake City, Utah 84104-3884

May 12, 1982

Superior Oil Company  
P.O. Drawer "G"  
Cortez, Colorado 81321

Re: Rescind Application for Permit  
to Drill  
Well No. 18-33  
Section 18, T. 39S., R. 24E.  
San Juan County, Utah  
Lease No. U-21268

Gentlemen:

The Application for Permit to Drill the referenced well was approved on April 24, 1981. Since that date no known activity has transpired at the approved location. Under current District policy, applications for permit to drill are effective for a period of one year. In view of the foregoing this office is rescinding the approval of the referenced application without prejudice. If you intend to drill at this location at a future date, a new application for permit to drill must be submitted.

This office requires a letter confirming that no surface disturbance has been made for this drill site. Any surface disturbance associated with the approved location of this well is to be rehabilitated. A schedule for this rehabilitation must then be submitted to this office. Your cooperation in this matter is appreciated.

Sincerely,  
(ORIG. SGD.) R. A. HENRICKS  
Production Unit Supervisor  
*for* E. W. Guynn  
District Oil & Gas Supervisor

bcc: SMA  
State O&G  
State BLM  
MMS-Vernal  
Well File  
APD Control

RAH/tm